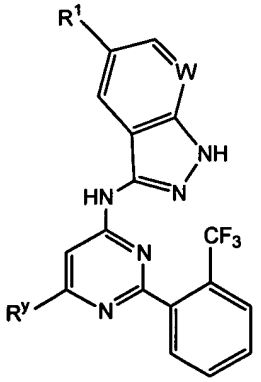
AMENDMENTS TO THE CLAIMS

Please replace all prior versions and listings of claims with the amended claims as follows:

1. (Currently amended) A compound of formula **I**:



I

or a pharmaceutically acceptable salt thereof, wherein:

W is nitrogen ~~or CH~~;

R^1 is selected from hydrogen or fluorine; and

R^y is a C_{1-4} aliphatic group, optionally substituted with $N(R^2)_2$ or a 5-6 membered saturated ring having 1-2 heteroatoms independently selected from nitrogen, oxygen, or sulfur, wherein:

each R^2 is independently selected from hydrogen or a C_{1-3} aliphatic group optionally substituted with OH, $N(R^3)_2$, or a 5-6 membered saturated ring having 1-2 heteroatoms independently selected from nitrogen, oxygen, or sulfur; and wherein:

each R^3 is independently selected from hydrogen or a C_{1-3} aliphatic group~~;~~

~~provided that:~~

~~when R^1 is hydrogen and W is CH, then R^y is other than methyl~~.

2. (Original) The compound of claim 1, wherein R^y is a C_{1-4} aliphatic group.

3. (Original) The compound of claim 2, wherein R^y is selected from methyl, ethyl, cyclopropyl, *tert*-butyl, or isopropyl.

4. (Original) The compound according to claim 3, wherein R^y is selected from methyl, cyclopropyl, or *tert*-butyl.

5-6. (Canceled)

7. (Original) The compound according to claim 1, wherein R^1 is hydrogen.

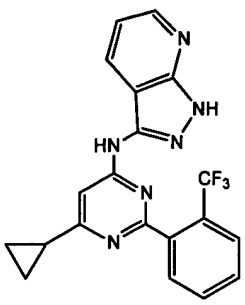
8. (Original) The compound according to claim 1, wherein R^1 is fluorine.

9. (Original) The compound according to claim 1, wherein R^y is a C_{1-4} aliphatic group substituted with a 6-membered saturated ring having 1-2 heteroatoms independently selected from nitrogen, oxygen, or sulfur.

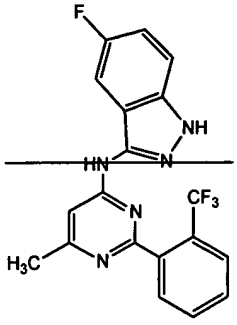
10. (Original) The compound according to claim 9, wherein R^y is a C_{1-4} aliphatic group substituted with a morpholinyl, piperidinyl, or piperazinyl ring

11. (Original) The compound according to claim 1, wherein R^y is a C_{1-4} aliphatic group substituted with $N(R^2)_2$.

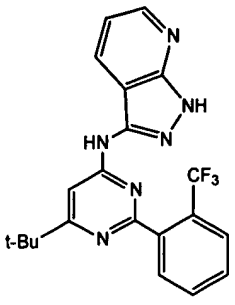
12. (Currently amended) A compound selected from the group consisting of:



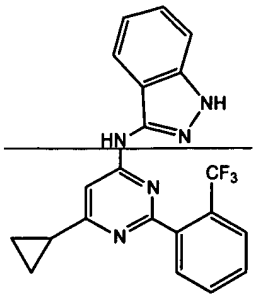
I-1



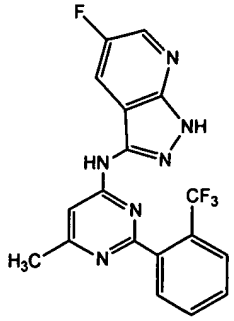
~~I-2~~



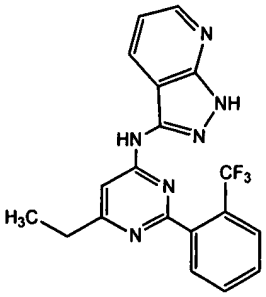
I-3



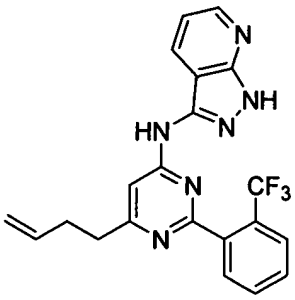
~~I-4~~



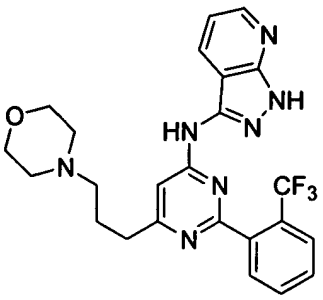
I-5



I-6



I-7



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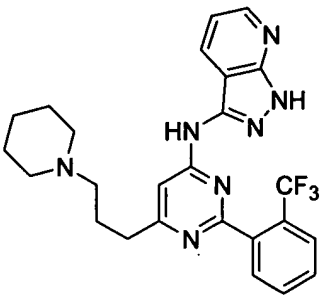

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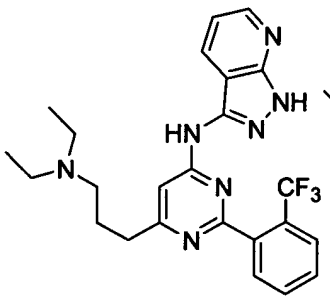

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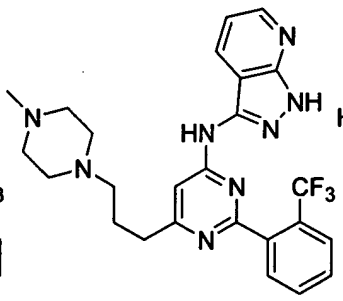
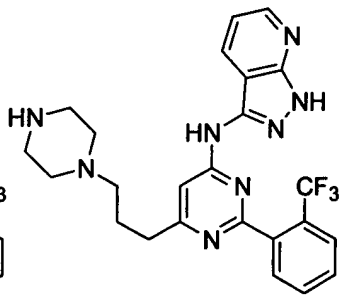
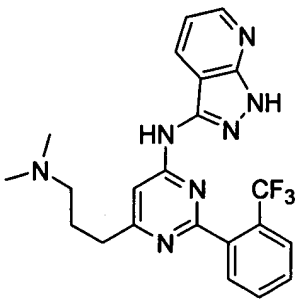


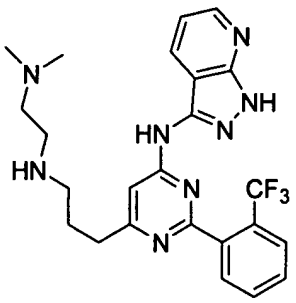
I-11



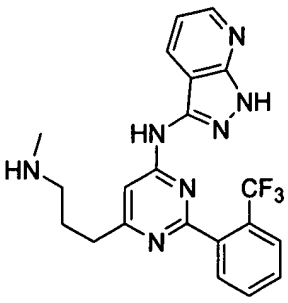
I-12



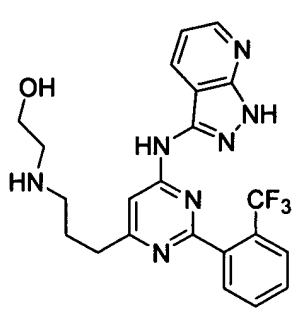
I-13



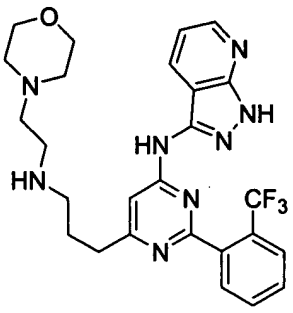
I-14



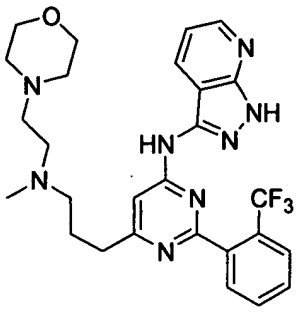
I-15



I-16



I-17 and



I-18.

13. (Currently amended) A pharmaceutically acceptable composition comprising a compound according to claim 1, and a pharmaceutically acceptable carrier, ~~adjuvent~~ adjuvant, or vehicle.

14. (Currently amended) The composition according to claim 13, additionally comprising an additional therapeutic agent selected from ~~a treatment for Alzheimer's Disease (AD), a treatment for Parkinson's Disease, an agent for treating Multiple Sclerosis (MS), a treatment for asthma, an anti-inflammatory agent, an immunomodulatory or immunosuppressive agent, a neurotrophic factor,~~ an agent for treating stroke, ~~an agent for treating cardiovascular disease,~~ an antidepressant, an anti-psychotic agent, or an agent for treating diabetes.

15. (Currently amended) A method of inhibiting GSK3 kinase activity in a biological sample wherein said biological sample is selected from cell cultures or extracts thereof, biopsied material obtained from a mammal or extracts thereof, blood, saliva, urine, feces, semen, and tears; ~~,~~ comprising the step of contacting said biological sample with:

~~a) a composition according to claim 13; or~~

b) a compound according to claim 1;

in an amount effective for inhibiting GSK3 kinase activity.

16-17. (Canceled)

18. (Previously presented) A method of treating a disease, disorder, or condition selected from diabetes, schizophrenia, anxiety, bipolar disorder, stroke, in a patient in need thereof, comprising administering the composition according to claim 13 to said patient.

19-22. (Canceled)

23. (Previously presented) The method according to claim 18, comprising the additional step of administering to said patient an additional therapeutic agent selected from an agent for treating stroke, an antidepressant, an anti-psychotic agent, or an agent for treating diabetes, wherein:

said additional therapeutic agent is appropriate for the disease being treated; and

said additional therapeutic agent is administered together with said composition as a single dosage form or separately from said composition as part of a multiple dosage form.

24. (New) The compound of claim 12, selected from the group consisting of **I-1**, **I-3**, **I-5**, **I-6**, and **I-7**.